

EUCAST Co., Ltd.

EUCAST



Year Established 2011

Website www.eu-cast.com

Domestic Customers Hanwha System, HJ Shipbuilding & Construction, KT, UNPKO(Global Telecom), KEPKO(Songam Syscom)

The Person In Charge

Name Mistral Jaeyoung Cha

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Type of Business Manufacturing

Main Export Countries USA, India, Japan

International Customers EUCAST Global, Team Engineers Advaned, Technologies, Juganu, SKY Group, AirBus Asia

Position Managing Director

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Company Description

EUCAST is a leading force in advanced wireless access technology, providing end-to-end 5G solutions that encompass Radio Access Network(RAN), Core Network(CN), and deployable Network-in-a-Box(NIB) architectures. Our systems are specifically engineered for mission-critical use cases, including public safety and military operations, while providing robust support for nationwide commercial services.

Product

EPNR2000

Function and Usage

EPNR2000 is a portable, all-in-one 5G base station integrating CU/DU/RU, 5G Core, and a PTT server in a single unit. Designed for disaster response and military operations where vehicle access is limited, it operates as a standalone Network-in-a-Box(NIB) for rapid deployment in challenging environments.

Marketing and Selling points

Built for mobility and reliability, EPNR2000 weighs under 10 kg and features a rugged IP65-rated enclosure, operating from -20°C to +50°C. It is 3GPP Release 16 compliant, supporting 2T2R MIMO and 256QAM for high-performance(DL 500Mbps, UL 400Mbps). With efficient power consumption(110 W) and flexible 10G/2.5G interfaces.



ENS4000

Function and Usage

ENS4000 is a Sub-6GHz outdoor base station engineered to provide a service radius of several kilometers. It is ideal for deployments requiring wide-area outdoor coverage, delivering stable, high-speed 5G connectivity across broad environments.

Marketing and Selling points

ENS4000 combines high power output (40 dBm + 40 dBm) with advanced 2T2R MIMO to maximize coverage and data throughput. It operates in the Sub-6GHz frequency band with 20/40/100 MHz bandwidth options, supporting flexible spectrum deployment. Its compact, lightweight design (12 kg) enables easy pole mounting and flexible connectivity via 2.5G/10G interfaces. For reliable network timing and performance, it provides advanced synchronization with GPS and IEEE1588v2. Optimized for harsh outdoor conditions, it operates efficiently across -30°C to +50°C and is 3GPP Release 16 compliant.

